

Claims

1. A method for call forwarding,  
wherein a first call number which is entered at a first  
5 telecommunication terminal (10), said first call number being  
allocated to a second terminal (11), is used in order to  
establish a connection (S1) to the second terminal (11) and the  
call is not accepted (S2) at the second terminal (11),  
characterized in that  
10 the first terminal (10) triggers (S3) the transfer of an  
identification inquiry message containing the first call number  
to an automatic telecommunication service (20) in order to  
identify an alternative call number,  
whereupon the telecommunication service identifies (S4) a  
15 second call number of a third terminal (12) by means of an  
electronically stored assignment specification from an  
electronic directory system (14) containing the first call  
number and a multiplicity of call numbers which are allocated  
to further terminals, and  
20 the second call number is used (S7) to establish a connection  
between the first terminal and the third terminal (10, 12).
2. The method as claimed in Claim 1,  
characterized in that  
25 the transfer of the identification inquiry message is triggered  
(S3) in response to a first input of a user at the first  
terminal (10).
3. The method as claimed in Claim 1 or 2,  
30 characterized in that  
attributes with attribute values are assigned to each call  
number in the directory system.

4. The method as claimed in Claim 3,  
characterized in that  
the assignment specification refers to an attribute for the  
first call number, which attribute contains the second call  
5 number.

5. The method as claimed in Claim 3 or 4,  
characterized in that  
the assignment specification refers to an attribute whose value  
10 is identical in the case of the first and second call numbers.

6. The method as claimed in one of the preceding claims,  
characterized in that  
the connection setup (S7) between first and third terminals  
15 (10, 12) is initiated automatically after identification (S4)  
of the second call number.

7. The method as claimed in one of the preceding claims,  
characterized in that  
20 the telecommunication service transfers identification result  
information to the first terminal (10) in response to the  
identification inquiry message, said identification result  
information referring to the second call number or to each  
second call number, and  
25 the identification result information is output on a display  
unit (18) of the first terminal (10) or by means of voice  
output.

8. The method as claimed in Claim 7,  
30 characterized in that  
after output of the identification result information, the user  
effects the connection setup (S7) to the third terminal (12) by  
means of a second input.

9. The method as claimed in one of the preceding claims,  
characterized in that  
the telecommunication service (20) and/or the directory system  
5 (14) is implemented on a central exchange (13) or distributed  
over a plurality of exchanges.

10. The method as claimed in one of the preceding claims,  
characterized in that  
10 the telecommunication service (20) and/or the directory system  
(14) is implemented on the first terminal (10).

11. An arrangement including a plurality of telecommunication  
terminals (10, 11, 12) which can be connected via an exchange  
15 (13) for carrying out a method in accordance with one of the  
preceding claims,  
characterized in that  
a first terminal (10) or the exchange (13) features a  
forwarding control unit (21) which is configured such that, in  
20 response to a first input of a user at the first terminal (10),  
it transfers a first call number which was previously input at  
the first terminal to  
a directory system query unit (20) which is configured for  
submitting a query to an electronic directory system (14) in  
25 order to identify a second call number which can be assigned to  
the first call number and to transfer this to the forwarding  
control unit (21).

12. The arrangement as claimed in Claim 12,  
30 characterized in that  
the directory system query unit (20) is functionally assigned  
to the exchange (13) or to the terminal (10).

13. The arrangement as claimed in Claim 11 or 12,  
characterized in that  
the forwarding control unit (21) is configured for transferring  
a control command in response to the receipt of the second call  
5 number, in order to trigger a connection setup from the first  
terminal (10) to a third terminal (12) to which the second call  
number is assigned.

14. The arrangement as claimed in one of the Claims 11 to 13,  
10 characterized in that  
the first terminal (10) or the exchange (13) is configured for  
automatically initiating the setup of a connection to the third  
terminal (12) by means of the second call number, without a  
second input from the user.

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15. The arrangement as claimed in one of the Claims 11 to 14,  
characterized in that  
at the first terminal (10), at least one of the following  
entities is configured for accepting the first input of the  
20 user and/or a second input of the user, on the basis of which  
input it selects one of a plurality of second call numbers:

- one or more predefined keys (17),
- a display unit (18) with assigned control keys (17) for  
navigation and selection of a menu option from a menu ()  
25 which is displayed on the display unit (18),
- a voice recognition system for recognizing the first  
and/or second user input, this having the form of a voice  
input.